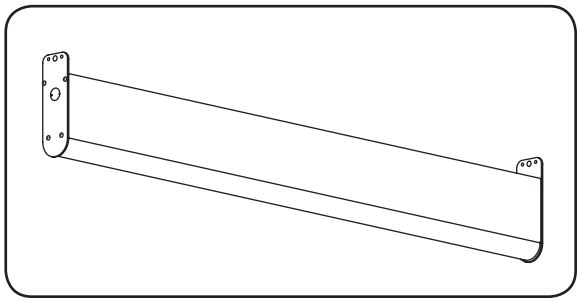
GE
Lighting

Installation Guide

Albeo™ LED Luminaire

Linear Lighting
(ALC3 Series)



BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT

RISK OF ELECTRIC SHOCK
- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

RISK OF FIRE
- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input/output connections. Minimum size 18 AWG.

RISQUES DE DÉCHARGES ÉLECTRIQUES
- Coupez l'alimentation avant d"inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.

RISQUES D'INCENDIE
- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL ou IEC pour les entrées/sorties de connexion. Taille minimum 18 AWG.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-3 (A)/NMB-3(A)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

Prepare Electrical Wiring

Electrical Requirements
- The LED driver must be supplied with 120-277 VAC, 50/60 Hz per product label and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker.

Grounding Instructions
- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

Tools and Components Required

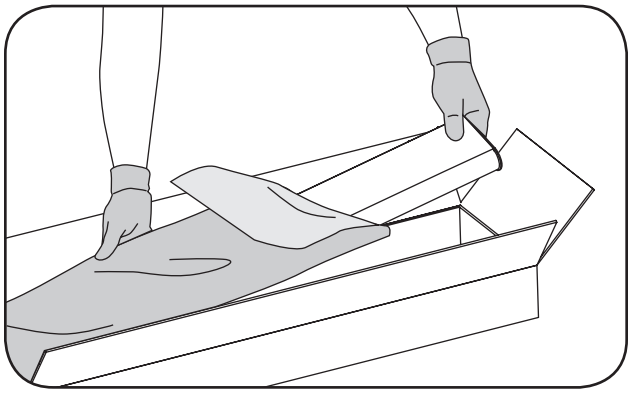
- ALC3 Series fixture
- Chain or cable (80 lbs. minimum load rated) or RodMount kit

Cord Install:
- SJO or SJOW cable
- UL Listed strain relief(s) (Hubbell SEC5O strain relief or UL listed equivalent)

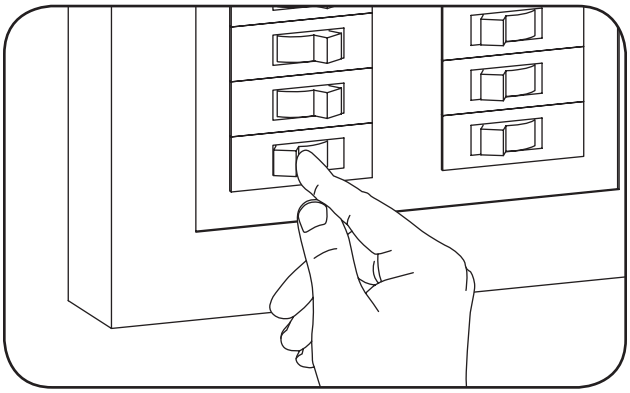
Conduit Install:
- 1/2" trade size flexible conduit
- 1/2" trade size conduit

imagination at work

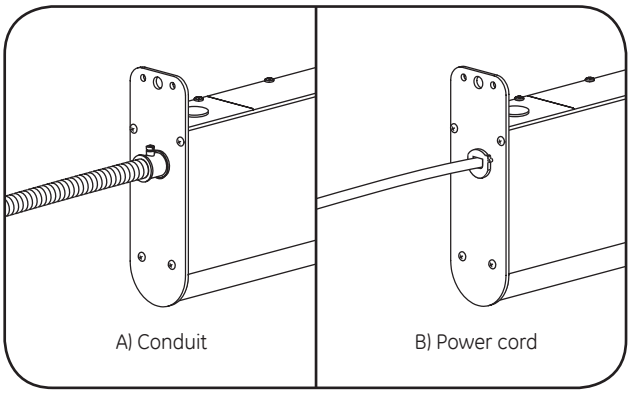
Electrical Connections



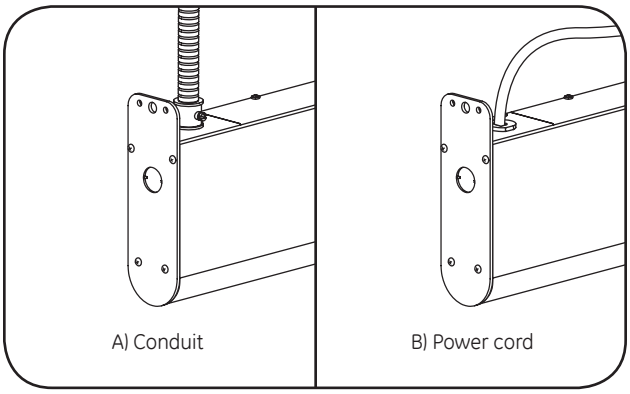
1 Carefully unpack unit and properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire.



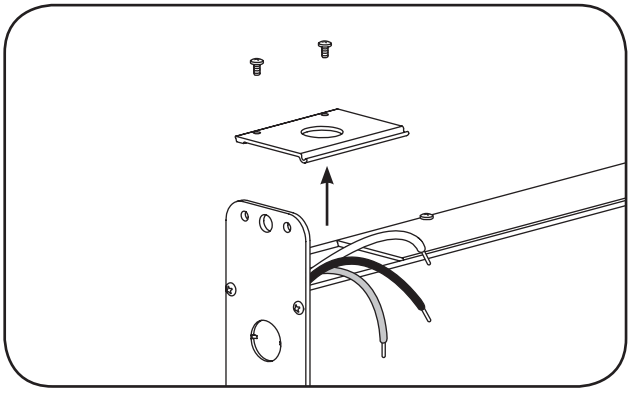
2 For safety, turn off main power before installation of fixture.



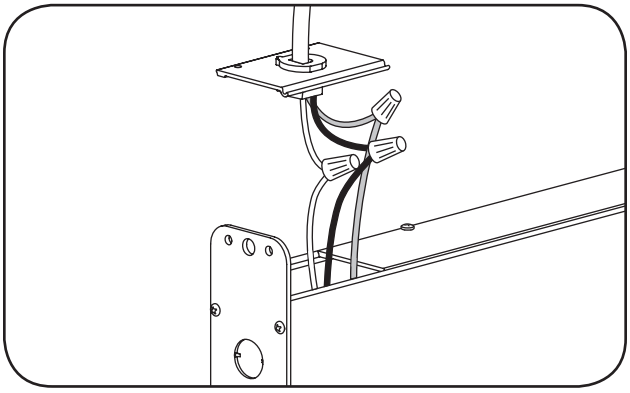
3 **Option 1: power input from side.** Remove knockout in endcap and A) Install 1/2" conduit, or B) install AC power cord with strain relief. Plug unused hole on top with appropriate fitting.



4 **Option 2: power input from top.** A) Install 1/2" conduit, or B) install AC power cord with strain relief.



5 Assuming Option 2 was chosen in previous step, remove access panel to reach power supply wiring.



6 Connect the green (ground), black (line) and white (neutral) wires of the AC line to the similarly colored wires of the fixture's power supply using UL listed wire connectors. Re-attach access panel.

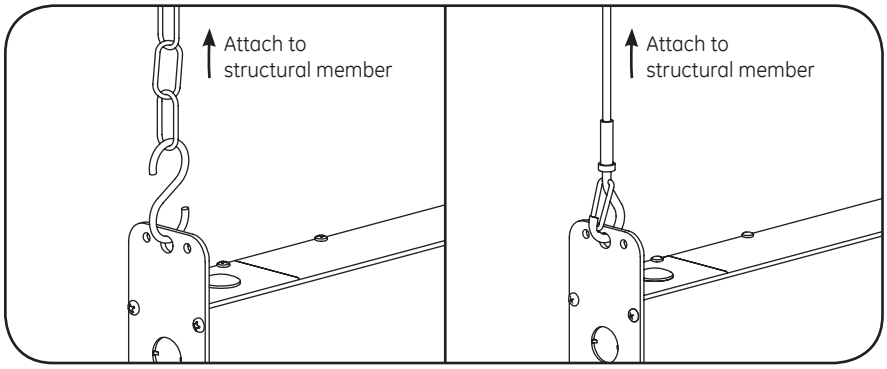
7 Restore main power.

Mounting Options

Please follow all UL, NEC and minimum load rating guidelines when selecting and installing a chain, cable or rod.

OPTION A Cable or Chain

1. Hang two chains/cables (rated to support a minimum load of 80 lbs.) from a structural member of the ceiling. Fixture must be supported independently of an outlet box.

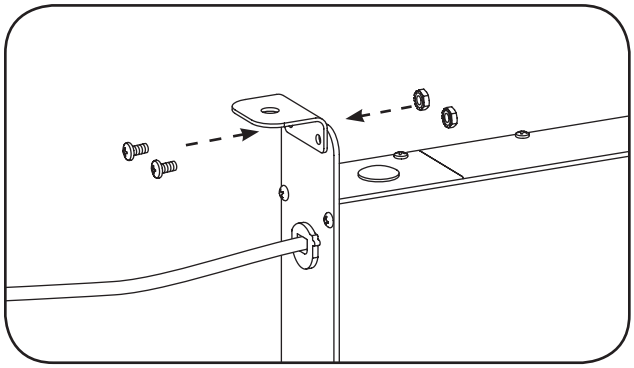


NOTE: When selecting chain, a joint in a circular chain link shall be welded. A joint in a chain link of another shape shall not be located within 30 degrees of the vertical unless welded.

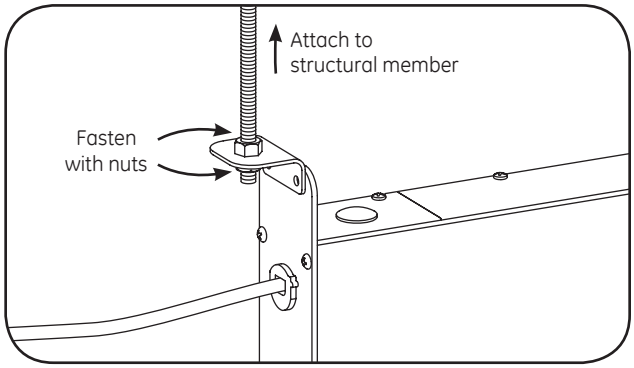
2. Attach chain or cable to mounting holes on the end plates at both ends of the fixture. Assure that the fixture is secure and cannot come free of mounting means.

OPTION B Rod Mount Kit

Materials Required:
- 3/8" threaded rod (Qty. 2)
- 3/8" nuts (Qty. 4)
- Rod Mount Kit



1. Attach all rod mount brackets to fixture end plates using screws and lock washers supplied in the Rod Mount Kit.



2. Secure 3/8" threaded rods into structural members in the ceiling. Place a nut on each threaded rod where fixture should hang. Slide fixture onto threaded rods, and place second nut on to threaded rods to secure fixture in place. Assure that the fixture is secure and cannot come free of mounting means.

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